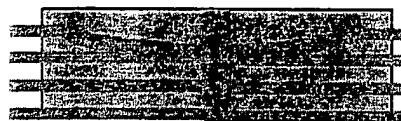


1a. single heat pipe
with small fins



1b. multiple heat pipes in a
structure

FIGURE 1A

FIGURE 1B



FIGURE 2

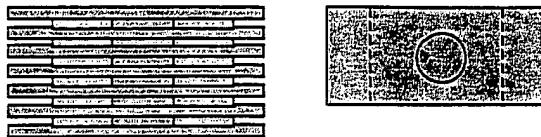


FIGURE 3A

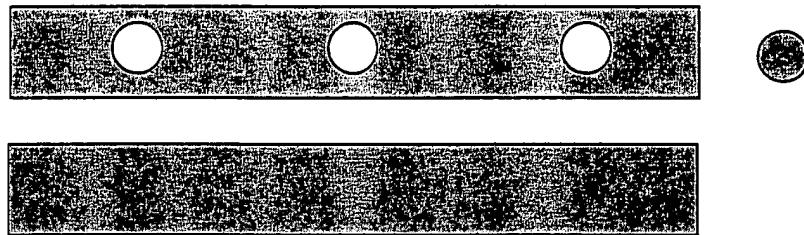


FIGURE 3B

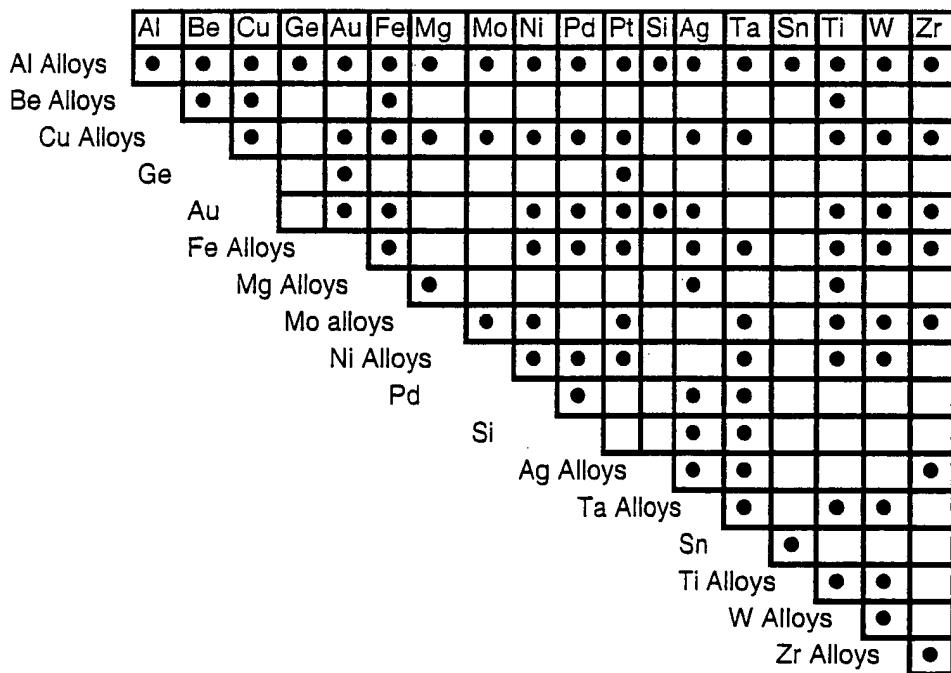


FIGURE 4

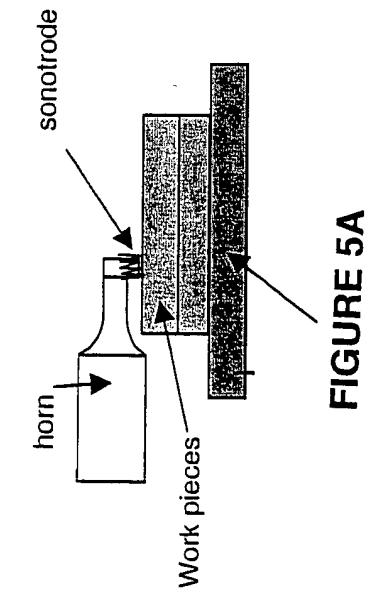


FIGURE 5A

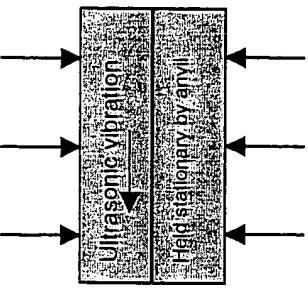


FIGURE 5B

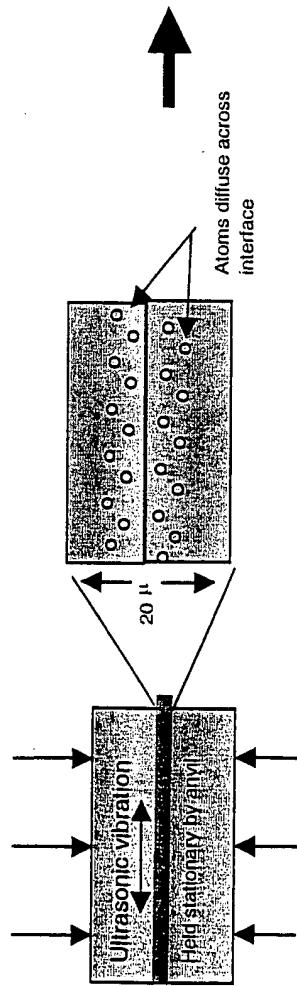
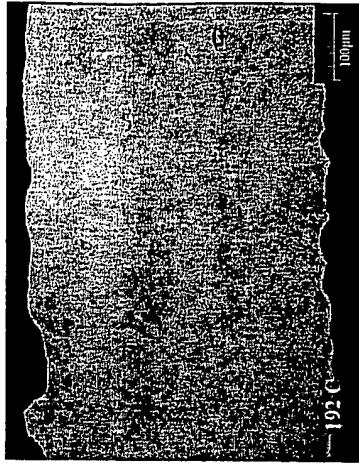


FIGURE 5C



True metallurgical bond

8 layers Al, 100X